



## SHRIRAM PISTONS & RINGS

MD: TS: 02/AUG'22

INTRODUCTION CIRCULAR – **HERO HF DELUXE/ SPLENDOR 'i3s' – PA KIT**

USHA is pleased to launch **Hero HF Deluxe/ Splendor 'i3s'** PA kit in its bi-wheeler product range.



Technical details of **Hero HF Deluxe/ Splendor 'i3s'** Piston and Ring set are as under:

Piston:

Technical Data - Piston		USHA Code → S51
Nominal Bore Diameter		50.000
Piston Diameter		49.987
Piston to Liner Clearance		00.013
Compression Height		19.200
Total Height		39.200

All dimensions are in mm

Piston Rings:

Technical Data - 'HPVENT' Rings						
Ring	Ring Configuration	Axial Thickness (mm)	Closed Gap		Surface Treatment	Cross Section
			(mm)	(Thou)		
Top	Inside Bevel Steel	0.80	0.10-0.25	04-10	Gas Nitriding	
Second	Taper Special Steel	0.80	0.10-0.25	04-10	Parkerising	
Oil	RIKVENT	1.50	0.20-0.70 (Rails)	08-28	Rails Chrome Plating / Parkerising	

## Cylinder Block:

Cylinder block is made of Cast Iron material, which is having good castability, machinability & superior surface finish to retain optimum amount of oil and minimize friction.

USHA piston assemblies suitable for [Hero HF Deluxe/ Splendor 'i3s'](#) are matched with superior quality Air cooled blocks & supplied as PA kits for lower oil consumption, blow-by & improved performance, in an attractive packaging.



Technical Product News is an exclusive update of product & information from  
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